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CRUISE REPORT

79005

Project: Puerto Rico Marine Geology Co-op

Ship R/V Jean A

Cruise No. 79-3

Area of Operations Cabo Rojo area, Puerto Rico

Dates 8 - 13 April 1979

Science Party: Jim Trumbull, Gerry Shideler (Co-chief Scientists)

Kurt Grove (thru 11 april only)

Nelson Espinell, Jose Muñiz (P.R. Geol. Survey)

Jack Kindinger, Chief Diver

Ron Circe

Ron Miller

Neil Lillard

Shore party Miniranger crew and logistics support

Ramon Alonso (P.R. Geol. Survey), in charge

John West

Julio Ortiz, Hector Berrios (P.R. Geol. Survey).

Days at sea: Ship 6, incl. mob. & demob.

Man-days 34 at sea: shore party 16 additional

Purpose and accomplishments:

Core holes in sand bodies and related strata, Cabo Rojo West and Bahia Sucia.

Sand wave deposits. At sea 4 days, 2-1/2 days got generally poor recovery in 20 tries: 1/2 day lost to weather; 1 day got 5 excellent cores after modifications to rig. Overall total 13 locations successfully cored.

Navigation: Miniranger, very successful.

Equipment: Miniranger and drill rig from Coepus Christi

Comments: 1. Diving crew Jack Kindinger (in charge), Ron Circe, Ron Miller, Neil Lillard did superb job in face of frustration, bad diving conditions, and fatigue, and are to be commended highly for making the cruise a success.

2. Drill rig did not do well in these water-laden loose coarse sands until modified on third day, thence successful.
3. Miniranger, perfect service.
4. Assigning a fully-qualified electronics technician to watch a shore Miniranger station was inefficient use of manpower.

xxx

JEAN A 79-3

13 cones @ Corpus delictum